

# DEFOGGER - REAR WINDOW

1994 Mitsubishi 3000GT

1994 ACCESSORIES & SAFETY EQUIPMENT  
Chrysler Corp./Mitsubishi Rear Window Defoggers

Dodge: Stealth  
Mitsubishi: 3000GT

## DESCRIPTION & OPERATION

The rear window defogger is a heating filament grid bonded to the inside of the window. Heat is regulated by a control switch located on the instrument panel.

## TROUBLE SHOOTING

### DEFOGGER DOES NOT WORK

Check for blown fuse, poor contact, defective defogger switch, poor connection or open wire.

### DEFOGGER TIMER INOPERATIVE

Check defogger switch. Timer is integrated into defogger switch.

### INDICATOR LIGHT DOES NOT WORK

Check for burned out bulb, open wire or poor connection.

### INDICATOR LIGHT IS DIM

Check rheostat or indicator bulb.

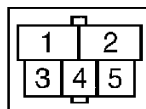
## TESTING

NOTE: Testing information for all components on all vehicles is not available from manufacturer.

### DEFOGGER RELAY TEST

1) Remove defogger relay, located in right front corner of engine compartment. Ground relay terminal No. 3, and apply battery voltage to terminal No. 5. Check relay continuity using ohmmeter.

2) Continuity should exist between terminals No. 1 and 2. With voltage disconnected, continuity should not exist between terminals No. 1 and 2. Ensure continuity exists between terminals No. 3 and 5. See Fig. 1. Replace relay if it does not test as specified.



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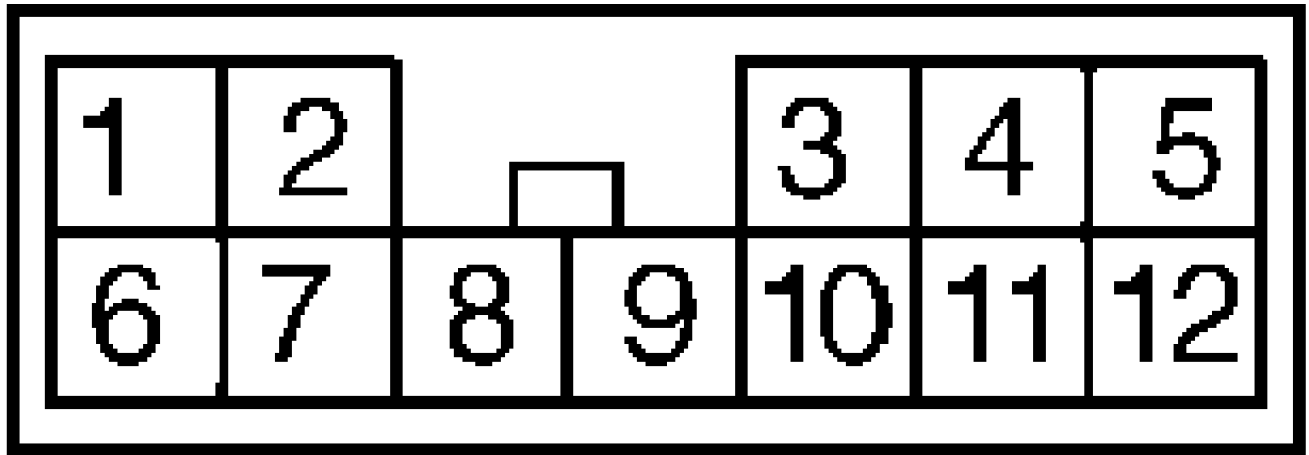
Fig. 1: Defogger Relay Terminal ID  
Courtesy of Mitsubishi Motor Sales of America.

### DEFOGGER SWITCH TEST

NOTE: Remove window defogger switch and disconnect switch connector for the following test.

1) Remove defogger switch assembly from instrument cluster bezel. With defogger switch in OFF position, check switch continuity using ohmmeter.

2) Continuity should exist between terminals No. 3 and 4. With defogger switch in ON position, continuity should exist between terminals No. 1 and 2, 1 and 6, and between terminals No. 3 and 4. See Fig. 2. Replace switch if it does not test as specified.



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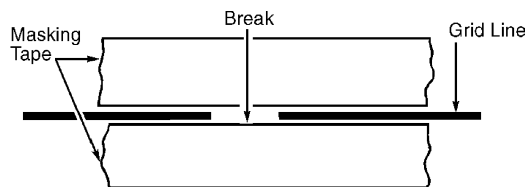
Fig. 2: Defogger Switch Terminal ID  
Courtesy of Mitsubishi Motor Sales of America.

## GRID TEST

1) Start and run engine at 2000 RPM. Ensure battery is fully charged. Turn defogger switch to ON position. Using a voltmeter, check voltage at center section of each grid filament.

2) If voltage is approximately 6 volts, grid filament is okay. If voltage is approximately 12 volts, an open is present in the negative circuit. Move probe slowly toward the negative terminal to determine location of open circuit.

3) If voltage is zero volts, an open is present in the positive circuit. Move probe slowly toward the positive terminal to determine location of open circuit. Repair the grid as necessary. See Fig. 3.



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Fig. 3: Repairing Rear Defogger Grid Element

## WIRING DIAGRAMS

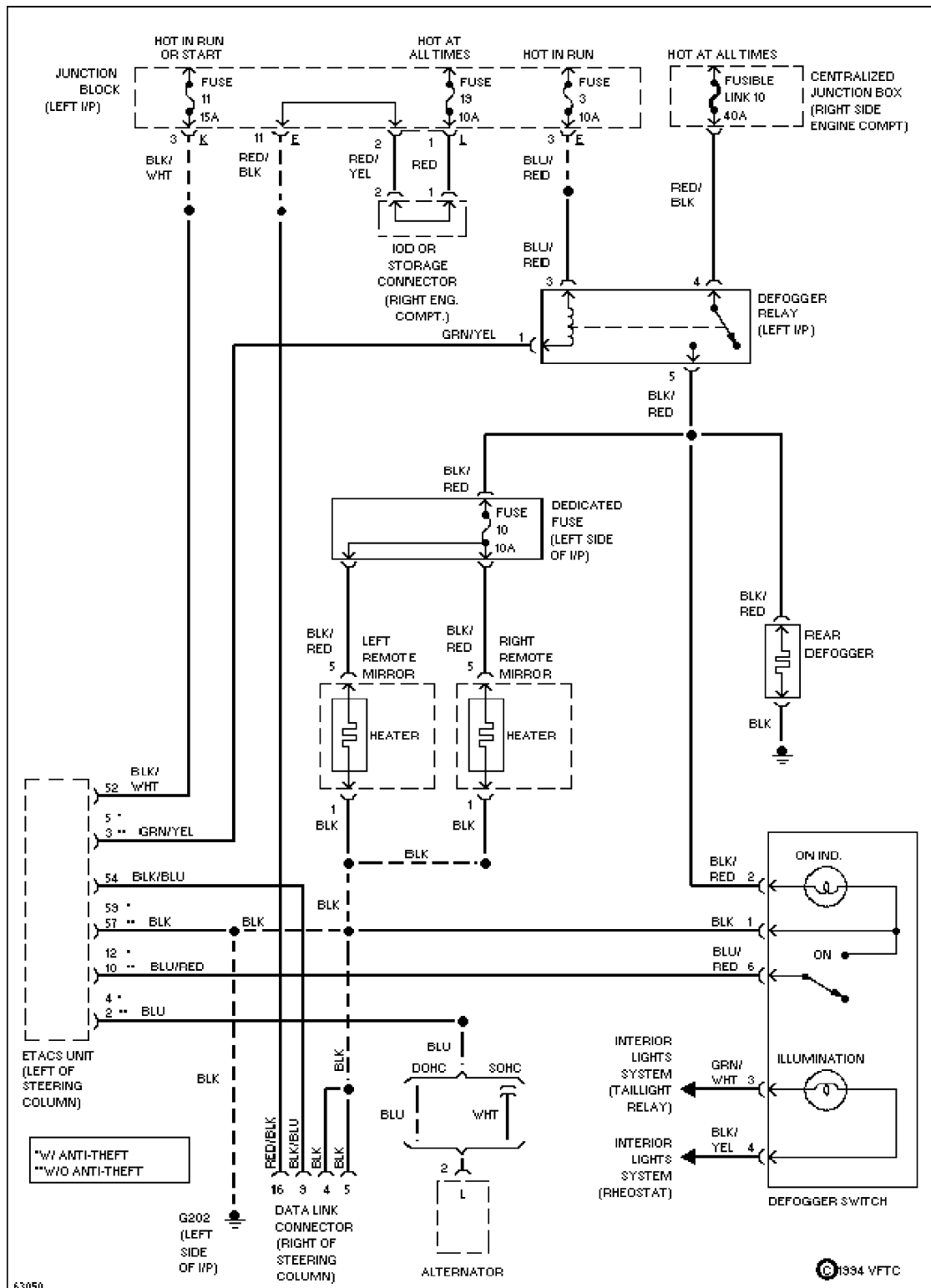


Fig. 4: Rear Window Defoggers & Heated Mirrors Wiring Diagram